

Card

The AAVA Play card system provides a flexible and modular approach to creating content containers. It consists of a main card container (`aava-default-card`) and dedicated subcomponents for header (`aava-card-header`), content (`aava-card-content`), footer (`aava-card-footer`), and actions (`aava-card-actions`). This modular design allows for consistent, well-structured content layouts across your application.

How to use

Basic Usage

A simple card with basic content structure.

```
import {  
    AavaDefaultCardComponent,  
    AavaCardHeaderComponent,  
    AavaCardContentComponent,  
    AavaCardFooterComponent,  
    AavaTagComponent,  
} from "@aava/play-core";
```

With Header

Card with a header section for titles, navigation, or metadata.

```

<!-- aava-default-card -->
<aava-card-header>
  <div class="header-with-badge">
    <h4>Article Title</h4>
    <aava-tag [pill]="true" label="New" color="primary"></aava-tag>
  </div>
</aava-card-header>
<aava-card-content>
  <p>
    A complete card example with header, content, and footer sections. Perfect
    for articles, blog posts, or detailed information displays.
  </p>
</aava-card-content>
<aava-card-footer>
  <div class="footer-info">
    <div class="meta-info">
      <aava-icon
        iconName="calendar-days"
        [iconSize]="16"
        iconColor="#6c757d"
      ></aava-icon>
      <span>Dec 15, 2024</span>
    </div>
    <div class="meta-info">
      <aava-icon
        iconName="user"
        [iconSize]="16"
        iconColor="#6c757d"
      ></aava-icon>
      <span>John Doe</span>
    </div>
  </div>
</aava-card-footer>
</aava-default-card>

```

With Actions

Card with action buttons using the dedicated actions component.

```

<lt;aava-default-card>
  <lt;aava-card-header>
    <lt;div class="header-with-icon">
      <lt;aava-icon
        iconName="shield-check"
        [iconSize]="24"
        iconColor="#28a745"
      ><lt;/aava-icon>
      <lt;h4>Security Settings</h4>
    <lt;/div>
  <lt;/aava-card-header>
  <lt;aava-card-content>
    <lt;p>
      Icons in headers help convey meaning quickly and add visual interest. This
      card shows security-related settings.
    <lt;/p>
    <lt;ul class="settings-list">
      <lt;li>Two-factor authentication enabled</li>
      <lt;li>Password strength: Strong</li>
      <lt;li>Last login: 2 hours ago</li>
    <lt;/ul>
  <lt;/aava-card-content>
<lt;/aava-default-card>

```

Example Cards

```

<!-- aava-default-card -->
<!-- aava-card-header -->
    <h4>Account Settings</h4>
<!-- /aava-card-header -->
<!-- aava-card-content -->
    <p>
        Manage your account preferences, security settings, and personal
        information.
    </p>
    <ul class="settings-list">
        <li>Profile Information</li>
        <li>Security & Privacy</li>
        <li>Notification Preferences</li>
    </ul>
<!-- /aava-card-content -->
<!-- aava-card-footer -->
    <div class="primary-actions">
        <aava-button
            label="Save Changes"
            variant="primary"
            size="sm"
            (click)="onPrimaryAction('Save Changes')"
        >
        </aava-button>
    </div>
<!-- /aava-card-footer -->
<!-- /aava-default-card -->

```

Features

Modular Components

- Default Card (aava-default-card): Main card container with proper styling and accessibility
- Card Header (aava-card-header): Dedicated header component with semantic HTML
- Card Content (aava-card-content): Main content area component
- Card Footer (aava-card-footer): Footer section component
- Card Actions (aava-card-actions): Action buttons container component

Accessibility

- Semantic Structure : Proper ARIA roles and landmarks
- Keyboard Navigation : Full keyboard accessibility
- Screen Reader Support : Clear content structure for assistive technologies

Responsive Design

- Flexible Width : Adapts to container width
- Mobile Friendly : Optimized for all screen sizes
- Consistent Spacing : Maintains proper spacing across devices

API Reference

DefaultCardComponent

The main card container component that provides the base card structure.

Selector: aava-default-card

Property	Type	Default	Description
No inputs	-	-	Uses content projection for all content

Methods: None

Events: None

CardHeaderComponent

Header section component with semantic HTML structure and typography styling.

Selector: aava-card-header

Property	Type	Default	Description
No inputs	-	-	Uses content projection for header content

Methods: None

Events: None

CardContentComponent

Main content area component for displaying primary card content.

Selector: aava-card-content

Property	Type	Default	Description
No inputs	-	-	Uses content projection for main content

Methods: None

Events: None

CardFooterComponent

Footer section component for additional information or metadata.

Selector: aava-card-footer

Property	Type	Default	Description
No inputs	-	-	Uses content projection for footer content

Methods: None

Events: None

CardActionsComponent

Action buttons container component for user interactions.

Selector: aava-card-actions

Property	Type	Default	Description
No inputs	-	-	Uses content projection for action buttons

Methods: None

Events: None

CSS Custom Properties

The card components use the following CSS custom properties for styling:

Property	Description	Default Value
--card-default-border	Border color for the default card	Defined in theme
--tooltip-shadow	Box shadow for the card	Defined in theme
--card-heading1-font	Font family for h1 elements in header	Defined in theme
--card-heading1-font-weight	Font weight for h1 elements in header	Defined in theme

Component Styling

Default Card:

- Border radius: 24px
- Border: 1px solid with --card-default-border
- Background: Linear gradient from white to light gray
- Box shadow: Uses --tooltip-shadow
- Padding: 24px
- Width: 100%

Card Header:

- Uses semantic <header> element with role="banner"
- Typography styling for h1 elements
- Custom font family and weight support

Card Content:

- Clean content area with no additional styling
- Uses content projection for flexible content

Card Footer:

- Clean footer area with no additional styling

- Uses content projection for flexible content

Card Actions:

- Clean actions area with no additional styling
- Uses content projection for flexible content

Best Practices

Design Guidelines

- Content Hierarchy : Use headers for titles, content for main information, and footers for actions or metadata
- Consistent Spacing : Maintain consistent padding and margins across all cards
- Visual Balance : Ensure content is well-distributed within the card
- Clear Boundaries : Use borders or shadows to clearly define card boundaries

Component Usage

- Always use `aava-default-card` as the main container
- Use dedicated subcomponents for each section (header, content, footer, actions)
- Maintain semantic structure with proper heading hierarchy
- Keep components focused on their specific responsibilities

Accessibility

- Semantic Structure : Use proper heading hierarchy within card headers
- Focus Management : Ensure logical tab order through card content
- Screen Reader Support : Provide descriptive content for assistive technologies
- Color Contrast : Maintain sufficient contrast for all text content

Performance

- Modular Design : Use only the components you need
- Change Detection : Leverage `OnPush` strategy for better performance
- Lazy Loading : Consider lazy loading for cards with heavy content
- Memory Management : Clean up event listeners and subscriptions